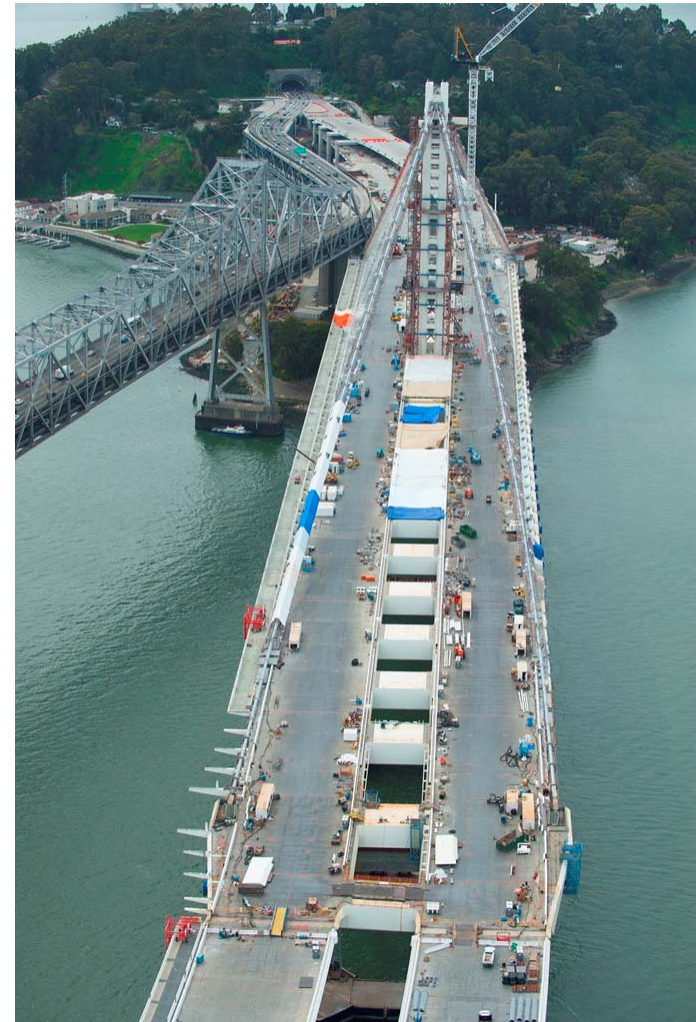


# Pier E2 Anchor Rods

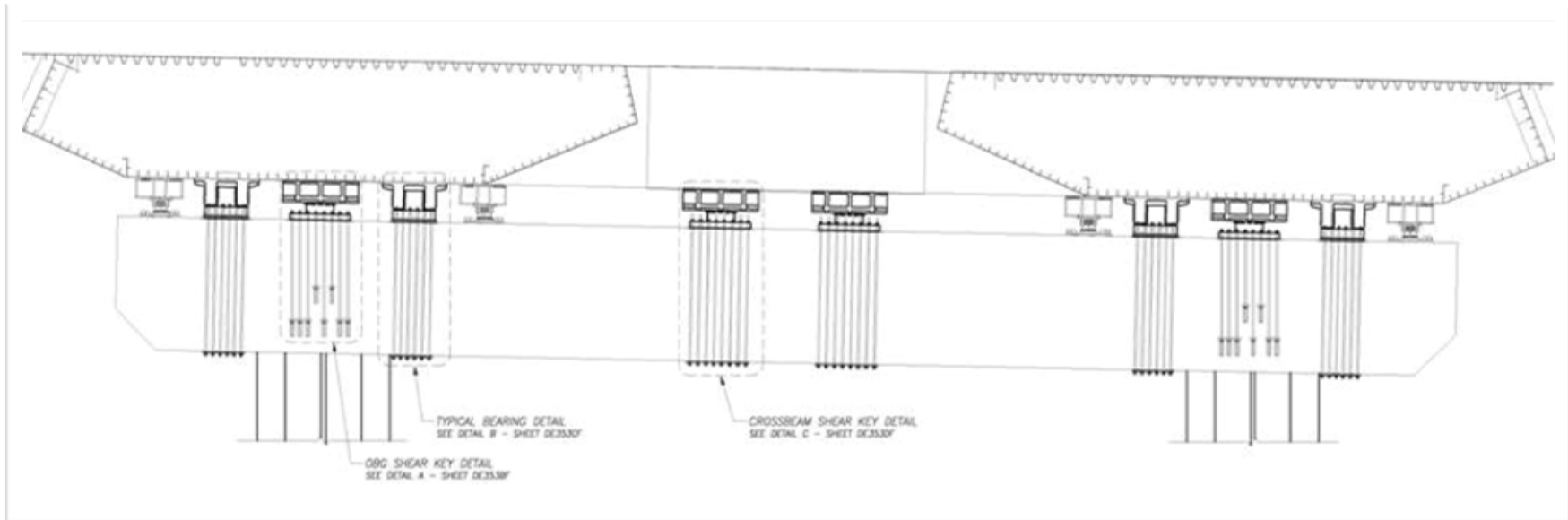
- A number of S1 and S2 shear key anchor rods at pier E2 have failed after tensioning.
- Rods were tensioned in between March 1 and March 5.
- Broken rods were discovered between March 8 and March 15.
- Failed rods manufactured in Ohio in 2008 and installed in Pier E2 pier table in late 2008.
- Remaining rods have been untensioned pending resolution of problem.
- Caltrans currently performing tests to determine cause and designing fix to problem.



# E2 Pier Table

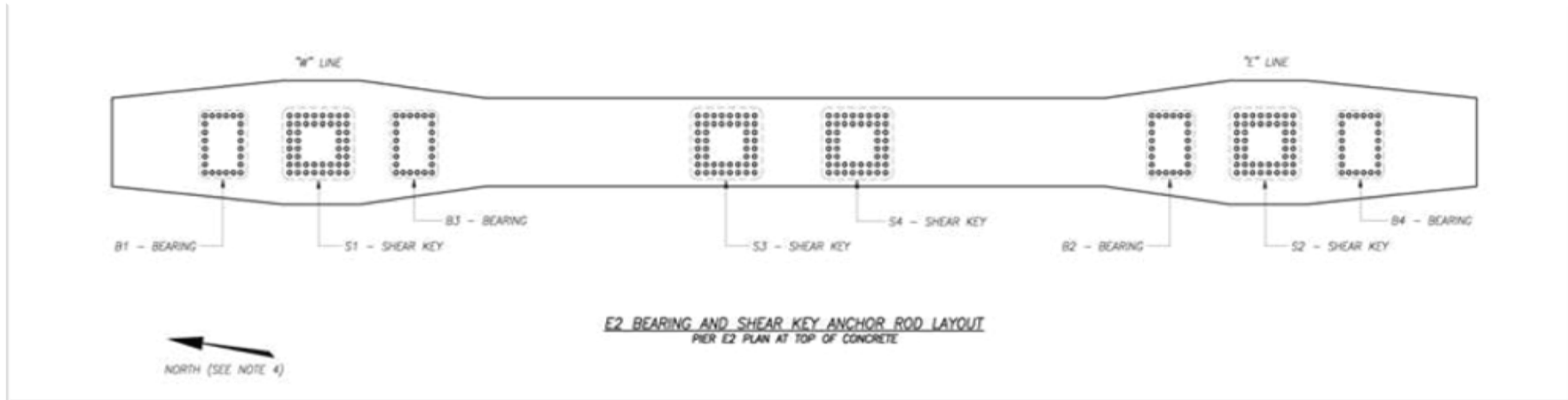


# E2 Pier Table



- In total, there are 4 bearings and 4 shear keys
- Anchored rods have failed at S1 and S2 shear keys
- Other rods for remaining bearings and shear keys were manufactured later and will undergo testing.

# E2 Pier Table



- Bearings and shear keys are secured to E2 by 3" diameter anchor rods
- Each bearing has 24 anchor rods and each shear key has 48 anchor rods for a total of 288 anchor rods to be stressed











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